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NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
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		Name	Execution Date	
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RAHUL GODAWAT			04/04/2013	
VEENA WARIKOO			04/04/2013	
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PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:		14627559		
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SIGNATURE: DATE SIGNED:		/Angelina Bellanton/ 07/20/2015		
DATE SIGNED: Fotal Attachments: 3	PSP Exe			

PATENT REEL: 036133 FRAME: 0577

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED and intending to be legally bound, we, the undersigned joint inventors (Assignors), sell, assign and transfer to **GENZYME CORPORATION** (Assignee), 500 Kendall Street, Cambridge, Massachusetts 02142, U.S.A., and its successors, assigns and legal representatives, my/our entire and exclusive right, title and interest in and to my/our invention and any improvements thereon for all countries of the world, relating in and to this US application therefore, assigned Sanofi Docket No. **US2013/124 US PSP** and filed on <u>March 8, 2013</u>, as Serial No. <u>61/775,060</u>, entitled

INTEGRATED CONTINUOUS MANUFACTURING OF THERAPEUTIC PROTEIN DRUG SUBSTANCES

and all the rights and privileges, including any and all benefits under the international Convention for the Protection of Industrial Property, including the right to claim priority based on said United States application, and under any and all Letters Patent which may be granted therefor, and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country or patent organization, including, without limitation, continuations, divisions, renewals, revivals, and any substitute applications of said United States application, and any and all patents which may issue thereon, and any reissues, reexaminations, pipelines and extensions, and governmental exclusivity rights of the same; and I/we hereby authorize and request the USPTO and any foreign patent authority or office whose duty it is to issue patents on applications or priorities as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment.

WE state that we are original inventors of the claimed invention and authorize the filing of a patent application for the claimed invention.

WE authorize and request competent authorities to grant and issue any and all patents on said invention to said assignee or its successor, assigns and legal representatives, or to such nominees as said assignee may designate.

WE agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, testify in any legal proceedings, and do all acts which may be necessary, desirable or convenient for securing, maintaining, and enforcing patents for said invention in any and all countries and for vesting title thereto in said assignee, its successors, assigns, legal representatives or nominees.

WE covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we

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have full right to convey the same as herein expressed and that we will not enter into any assignment, contract, or understanding in conflict herewith.

WE hereby acknowledge that any willful false statements made in this assignment are punishable by fine or imprisonment, or both, under Title 18, United States code §1001.

Signed at <u>Framingham, MA, US</u> on this <u>OR</u> day of <u>April</u>, 2013. (City, State and Nation) / /

> Signature: Inventor's Name: Mailing Address:

KONSTANTIN KONSTANTINOV c/o sanofi, 55 Corporate Drive, Mail Code: 55A-505A, Bridgewater, New Jersey 08807 US

Witnessed by: Michelit Marhalle Aunelize Alicerez

Michele a Michelle - 65 100413 Gradge Glanz - 08 100 13

Signed at <u>Framingham, MA, US</u> on this <u>4</u>th day of <u>April</u>, 2013. (City, State and Nation)

Signature: Inventor's Name: Mailing Address:

RAHUL GODAWAT c/o sanofi, 55 Corporate Drive, Mail Code: 55A-505A, Bridgewater, New Jersey 08807 US

Witnessed by: 4th day 57 Avis / 4/ Kevin Roman-

PATENT REEL: 036133 FRAME: 0579 Assignment U.S. Serial No. 61/775,060 Page 3

Signed at <u>Framingham, MA, US</u> on this <u>0</u> day of <u>April</u>, 2013. (City, State and Nation)

opura Waliba

Signature: Inventor's Name: Mailing Address:

VEENA WARIKOO c/o sanofi, 55 Corporate Drive, Mail Code: 55A-505A, Bridgewater, New Jersey 08807 US

Witnessed by:

Christian Olimp april 4 2013

Nichel a Northalle April 4, 2013

Signed at <u>Framingham, MA, US</u> on this $\frac{\partial \forall}{\partial}$ day of <u>April</u>, 2013. (City, State and Nation)

> Signature: Inventor's Name: Mailing Address:

SUJIT-TAIN^V c/o sanofi, 55 Corporate Drive, Mail Code: 55A-505A, Bridgewater, New Jersey 08807 US

Witnessed by:

<u>richer à Mutaler</u> Coul 4, 2013

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RECORDED: 07/20/2015